

## **LOCKING HANDLE DEPLOYMENT MECHANISM FOR MEDICAL DEVICE AND METHOD**

### **ABSTRACT OF THE DISCLOSURE**

A system for delivering at least one medical device to a desired location for  
5 treatment, and then selectively deploy it in position, includes an improved handle. One  
of the possible features of the handle may be to selectively hold the delivery system  
components at any desired configuration during deployment and positioning of the  
medical device. Another possible feature of the handle may be more than one mode of  
operation, in which the deployment of the medical device can selectively proceed at more  
10 than one speed. Yet another possible feature of the handle may be a locking mechanism  
that resists inadvertent or accidental movement or retraction of the stent delivery system  
components during packaging, sterilization, shipping, storage, handling and preparation  
of the stent delivery system.